



IIT PALAKKAD



INDUSTRY-ACADEMIA CONCLAVE (IAC) 7.0

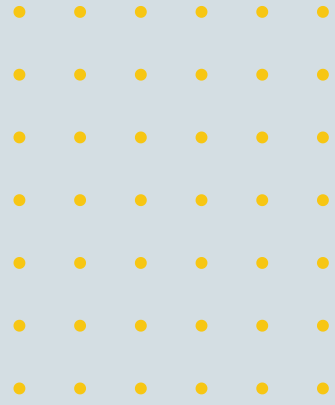
EVENT REPORT



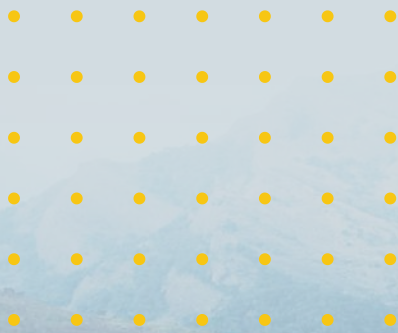


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SCHEDULE



DAY 1 (SEP 19)

8:45 AM

INAUGURATION SESSION

- 8:45 AM Welcome address by Faculty-Incharge IAC
- 8:50 AM Inauguration Ceremony & Director's Address
- 9:00 AM Remarks by Dean ICSR
- 9:10 AM Remarks by Dean Academics
- 9:15 AM Invited talk by Chief Guest Vice Admiral Srinivas Kalidoss
- 10:15 AM Tea Break

10:30 AM

TECHNICAL SESSION 1

10:30 AM Keynote speaker – Mr. Shankar Subburathinam (Caterpillar)

Artificial Intelligence (AI) , Machine Learning and Cybersecurity (Venue:A01-007)

- 11:15 AM Mr Manoj Apte, TCS Consultancy Services
- 11:50 AM Mr. Anish T.S, Bosch Global Software Technologies Pvt Ltd

Biomedical Research and Healthcare (Venue:A01-002)

- 11:15 AM Dr. Debojyoti Dhar, Leucine Rich Bio Pvt Ltd
- 11:50 AM Dr. Saketharaghavan, Dr Reddy's Hyderabad

Transportation Technologies, Underground Structures (Venue:A01-001)

- 11:15 AM Mr. Santhosh Kadavy, Arcadis

12:25 PM Startup Demo/ Project Demo/Poster Presentations (Venue:A01 Atrium)
01:00 PM Lunch

2:00 PM

TECHNICAL SESSION 2

Artificial Intelligence (AI) , Machine Learning and Cybersecurity (Venue:A01-007)

- 2:00 PM Dr. Arindam Panja, Ernst & Young Global Delivery Services, Kolkata
- 2:35 PM Dr. M. Sethumadhavan, Amrita Vishwa Vidyapeetham Coimbatore

Robotics and Automation, Smart Mechanics: Engineering Made Smarter (Venue:A01-002)

- 2:00 PM Mr. Srikrishna Bhat K K, NewSpace Research & Technologies Pvt Ltd
- 2:35 PM Mr. Prasant P, Schneider Electric

Renewable Energy and Energy Storage (Venue:A01-001)

- 2:00 PM Dr. Gurmeet Singh-Eaton India Innovation Centre
- 2:35 PM Dr. Priyabrata Shaw-GE Vernova

3:10 PM Tea Break

3:20 PM

TECHNICAL SESSION 3

- 3:20 PM Mr. Kamanchi Chandramouli, IBM Research (Venue: A01-007)
Mr. Gokul Raj M- Ansys (Venue: A01-002)
- 4:00 PM Mr. Pravin Nakod, Director – Application Engineering, Ansys (Venue: A01-001)
- 4:40 PM Student Talks (Venue:A01-001)

DAY 2 (SEP 20)

9:00 AM

TECHNICAL SESSION 1

(Venue:A01-007)

- 9:00 AM Keynote Speaker - **Prof. Krishnan Balasubramanian (IIT Madras)**
9:45 AM Keynote Speaker - **Dr. M. P. Ramnavas, Director-Projects, Kochi Metro Rail Ltd.**
10:30 AM Keynote Speaker - **Dr. U.P. Senthilkumar (Head (R&D EP) 3Xper Innoventure Ltd.**
- 11:15 AM Tea Break

11:25 AM

TECHNICAL SESSION 2

Artificial Intelligence (AI) , Machine Learning and Cyber security (Venue:A01-002)

11:25 AM **Dr. Tanmay Sen, SQC & OR Unit, Indian Statistical Institute, Kolkata**

Biomedical Research and Healthcare

(Venue:A01-002)

11:25 AM **Dr Prashantha Hebbar, Meta Biosciences Pvt Ltd**

Transportation Technologies, Underground Structures

(Venue:A01-119)

11:25 AM **Mr. Akx Malik-L&T**

11:25 AM **Interactive session between academia and industry**

(Venue:A01-102)

12 PM

PANEL DISCUSSION

(Venue:A01-007)

Topic: "Adoption and Aspirations of AI in Industry:

**Unseen dangers in critical applications,
replacing or creating jobs"**

Shaik Aleem Ur Rehaman, Microsoft, Bangalore

Nahar Singh, Continental AG

Mohin Mohammed, Finastra

Dr. Kameshwar Chandrasekar, AMD

12:45 PM **Prize distribution, feedback & Closing ceremony**

12:55 PM **Vote of thanks**

01:00PM **Lunch**

ABOUT IAC

The Industry–Academia Conclave (IAC) is a flagship initiative of IIT Palakkad that aims to strengthen collaboration between academic institutions and the industrial sector. It serves as a distinguished platform for meaningful dialogue, knowledge exchange, and exploration of opportunities for joint innovation. The conclave plays a pivotal role in bridging the gap between academic research and industrial practice, fostering a culture of learning that aligns education with real-world challenges. It also enables students to gain valuable exposure to emerging technologies and professional practices, while providing industries with a forum to engage with young talent and academic expertise.



Image: Inaugural Talk by (a) Director – Prof. A. Seshadri Sekhar
(b) Faculty In-charge AIC – Dr. Nelson Muthu



Image: Talk by (a) Dean of Academics – Dr. Athira P
(b) Dean of ICSR – Prof. M. Santhakumar

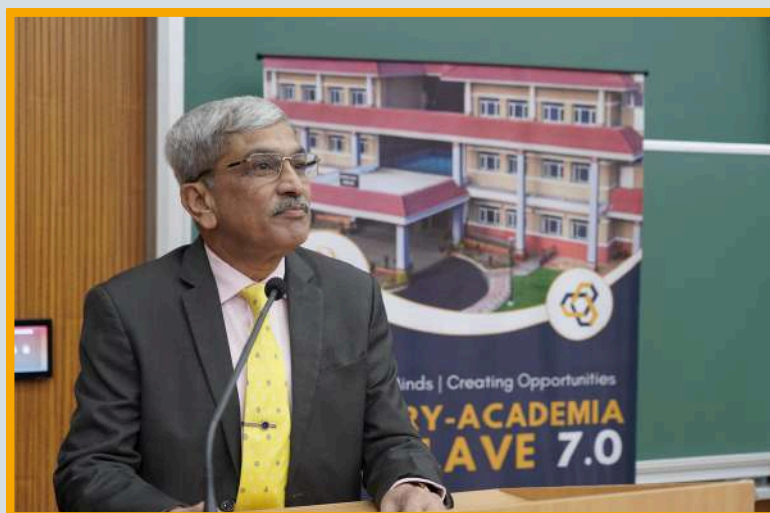
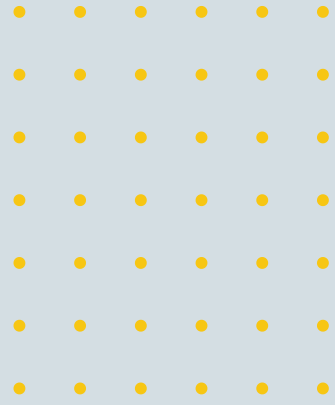
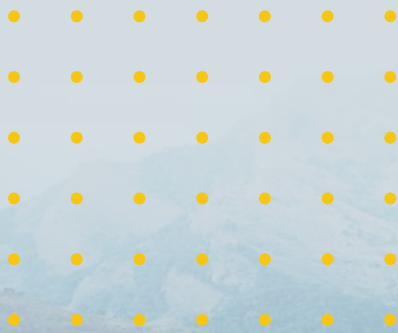


Image: Inaugural lecture by the Chief Guest
Vice Admiral Srinivas Kalidoss,
AVSM, NM, VSM (RETD)

The seventh edition of the Industry–Academia Conclave (IAC 7.0) was held on September 19–20, 2025, at IIT Palakkad’s Sahyadri Campus, bringing together 25 distinguished delegates from leading industries, research organizations, and academia. The two-day event featured insightful keynote talks, technical sessions, and panel discussions that explored themes such as sustainable innovation, digital transformation, and the evolving role of interdisciplinary engineering in shaping the future of technology. Alongside these discussions, IAC 7.0 hosted startup stalls, student project exhibitions, and poster presentations showcasing innovation across domains like automation, artificial intelligence, and materials science. The conclave also provided a valuable networking platform, fostering meaningful interactions between students, faculty, and professionals that opened doors for collaborations, internships, and research partnerships. With its engaging sessions and diverse participation, IAC 7.0 reaffirmed its legacy as a premier forum for strengthening the collaboration between academia and industry while inspiring innovation, entrepreneurship, and holistic learning among future engineers.



KEYNOTE SPEAKERS



KEYNOTE SPEAKERS



SHANKAR G SUBBURATHINAM

*Engineering Manager
Caterpillar Inc.
Integrated Components
and Solutions Division*



Image: (a) Talk by Shankar G Subburathinam
(b) QnA by student

PROF. KRISHNAN BALASUBRAMANIAN

*Professor - IIT Madras
Dept. of Mechanical
Engineering*



Image: (a) Talk by Prof. Krishnan
(b) Interaction with Professors

KEYNOTE SPEAKERS



Image: (a) Talk by Dr. M.P. Ramnavas
(b) QnA by audience



DR. M.P. RAMNAVAS

*Director (Projects)
Kochi Metro Rail Ltd.*



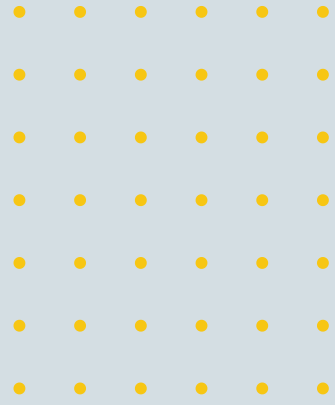
DR. U.P SENTHILKUMAR

*Head (R&D EP) 3Xper
Innoventure Ltd.,
TICEL BIOPARK
Phase 2 Chennai*

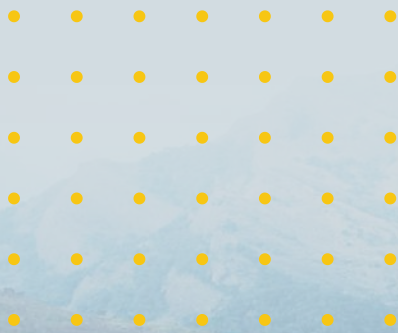


Image: (a) Talk by Dr. U.P. Senthilkumar
(b) QnA by speaker





SPEAKERS



ARTIFICIAL INTELLIGENCE (AI), MACHINE LEARNING AND CYBERSECURITY



SPEAKER

Mr Manoj Apte

*TCS Consultancy
Services*

The talk offered an insightful overview of money laundering (ML) and anti-money laundering (AML) mechanisms, focusing on modern strategies for detecting and preventing financial fraud. The speaker discussed the role of shell companies in ML schemes and highlighted innovative detection approaches such as a Banking Transactions Simulator and anomaly detection techniques. Emphasizing three key pillars—Know Your Customer (KYC)/Customer Due Diligence (CDD), Watchlists, and Transaction Monitoring—the talk outlined how these systems work together to strengthen AML efforts. A case study from the SWIFT hackathon illustrated practical transaction monitoring methods, while the application of federated learning showcased how AI can enhance ML models without compromising data privacy. Overall, the session effectively demonstrated how AI and machine learning are transforming cybersecurity and financial crime prevention.

HACKING THE FAST LANE: EXPLORING AUTOMOTIVE CYBERSECURITY THREATS AND DEFENSES



SPEAKER

Mr. Anish T.S

*Bosch Global Software
Technologies Pvt Ltd*

As modern vehicles continue to evolve into highly connected machines, their integration with digital systems has made them an integral part of the Internet of Things – and consequently, more exposed to cyber risks. With advanced features such as infotainment systems, Bluetooth connectivity, internet access, and over-the-air updates, cars today function like complex computers on wheels. The session delved into how cyber attackers exploit vulnerabilities in these interconnected systems to gain unauthorized access, manipulate functionalities, or even take remote control of critical components. Drawing on real-world case studies, it examined attack methods like CAN bus injection, ECU spoofing, and wireless exploitation, revealing how these threats have progressed alongside automotive innovation. The talk further explored the tools and techniques employed by both attackers and defenders, the challenges of securing embedded systems, and the growing importance of cybersecurity as a foundation for ensuring the safety and reliability of modern vehicles on the road.

PIONEERING THE MICROBIOME SCIENCE IN SOUTH ASIA – JOURNEY AND INSIGHTS



SPEAKER

Dr. Debojyoti Dhar
*Leucine Rich Bio
Pvt Ltd*

Gut microbiota plays an essential role in maintaining human health, and its imbalance, known as dysbiosis, has been linked to diseases across fields such as gastroenterology, endocrinology, and oncology. Traditional microbiological methods have limitations, as many microbes cannot be cultured, but next-generation sequencing (NGS) has transformed the field by enabling microbial profiling and personalized insights. The session discussed Leucine Rich Bio, a Bengaluru-based company founded in 2014, which has led microbiome research in South Asia through innovations like BugSpeaks®, the region's first gut microbiome test validated through a PeerJ trial, showing improved outcomes in hyperglycemia. It also featured the company's Rychbiome™ range, including India's first microbiome-based probiotics, synbiotics, and the Rychbiome Microbiome Balancing Cream for skin health. With collaborations across Brazil, Malaysia, Qatar, and Bulgaria, and awards like the National Startup Award 2021 and Frost & Sullivan recognition, Leucine Rich Bio continues advancing preventive and precision healthcare through microbiome science.

IMPURITIES IN PHARMACEUTICAL PRODUCTS



SPEAKER

Dr. Saketharaghavan

*Dr Reddy's
Hyderabad*

The lecture focused on pharmaceutical products, including medicines and drug formulations available in various dosage forms, which are widely consumed to treat, manage, and prevent a wide range of diseases, disorders, and physical discomforts. It emphasized that while these products play a crucial role in maintaining and restoring health, they often contain unwanted chemical substances known as impurities, which can arise from raw materials, manufacturing processes, environmental exposure, or degradation during storage. The session provided a detailed understanding of the nature and origin of these impurities and their potential impact on the safety, quality, and therapeutic efficacy of pharmaceutical products. It also discussed various analytical and regulatory approaches for the assessment, identification, and control of impurities, highlighting the importance of setting acceptable limits and maintaining stringent quality standards to ensure that pharmaceutical products remain safe and effective for patient use.

SMART MOBILITY FOR SMARTER CITIES



SPEAKER

Mr. Santhosh Kadavy
Arcadis

The lecture highlighted the evolving role of civil engineers in shaping urban mobility, emphasizing that mobility serves as the lifeline of any city. It discussed how traditional transportation planning concepts such as demand modeling, road design, and signal optimization are now being transformed through the integration of real-time data from diverse sources, including bus transport systems, metro corporations, cab aggregators, traffic sensors, and crowd-sourced platforms. The session provided valuable insights into how a strong foundation in transportation engineering, combined with emerging skills in software development, data analysis, and artificial intelligence, is essential for developing intelligent mobility solutions that enhance the sustainability, safety, and efficiency of modern cities. Students gained an understanding of the practical applications of civil engineering in adaptive traffic systems, multimodal integration, and mobility-as-a-service platforms. The speaker also underscored the importance of curiosity, continuous learning, and disciplined application of engineering principles, while encouraging the responsible use of AI tools like ChatGPT as supportive aids in the engineering process. Overall, the session inspired students to view mobility as a dynamic, technology-driven domain where civil engineers play a crucial role in building the cities of the future.

DATA DRIVEN INDUSTRIAL PROBLEMS : STATISTICAL APPROACH



SPEAKER

Dr. Arindam Panja
*Ernst & Young Global
Delivery Services*

The session focused on the crucial role of statistical modelling in driving data-based decision-making across various industrial domains. It highlighted how advanced statistical tools and methods serve as powerful instruments for solving real-world industrial challenges by transforming raw data into meaningful insights. Through techniques such as regression analysis, time series forecasting, and probabilistic modelling, industries can effectively optimize their processes, predict equipment failures, enhance product quality, and make strategic, evidence-based decisions that improve overall performance and efficiency. The talk also shed light on the importance of mathematical statistics as the foundation for developing robust and reliable models that not only explain observed patterns but also provide theoretical rigor for complex systems. By combining analytical thinking with practical application, statistical modelling enables industries to innovate continuously and respond proactively to emerging challenges. Overall, the session emphasized that a deep understanding of statistical principles, coupled with modern computational tools, is key to achieving precision, reliability, and innovation in industrial operations.

PATHS FOR BETTER CYBER SECURITY: FROM RESEARCH AND PRACTICE



SPEAKER

Dr. M.
Sethumadhavan

*Amrita Vishwa
Vidyapeetham
Coimbatore*

The session emphasized the growing significance of cyber security as one of the most pressing challenges in today's digital era, affecting individuals, organizations, and even national security. The lecture highlighted how ensuring strong cyber resilience requires more than just advanced technology—it demands a balanced integration of cutting-edge research and real-world applications. The speaker discussed various dimensions of cyber security, including foundational research in cryptography, network defense, artificial intelligence, and data protection, alongside practical measures such as software security, secure coding practices, and vulnerability assessment. The session also shed light on the importance of collaboration between academia and industry to bridge the gap between theoretical advancements and practical implementation. By showcasing emerging trends and best practices, the lecture provided participants with valuable insights into building safer digital ecosystems and preparing for the evolving landscape of cyber threats.

ADVANCING INDIGENOUS AUTONOMOUS AERIAL SYSTEMS: ENGINEERING INTELLIGENCE FOR NATIONAL DEFENCE



SPEAKER

Mr. Srikrishna Bhat K K
*NewSpace Research &
Technologies Pvt Ltd*

The session highlighted India's growing capabilities in developing cutting-edge unmanned aerial technologies for defense applications. The talk began with a reflection on India's historic legacy as a center of scientific excellence and the ongoing efforts to reclaim that spirit through indigenous technological innovation. The speaker, representing NewSpace Research and Technologies (NRT), discussed the organization's mission to design and build advanced aerial systems entirely within India, focusing on aerodynamics, structural design, and avionics. A major emphasis was placed on the development of the "perception-action loop," which forms the core intelligence of autonomous drones. The team's work in engineering embedded systems and artificial intelligence enables these aerial systems to perceive their surroundings, navigate complex terrains, and make independent operational decisions. The lecture provided valuable insights into how indigenous innovation in autonomous technologies can strengthen national defense and position India as a global leader in intelligent aerial systems.

THE INTERDISCIPLINARY ENGINEER: MECHANICAL SKILLS IN A HYBRID WORLD



SPEAKER

Mr. Prasant P
Schneider Electric

Mr. Prasant Paramatmuni, Principal Architect at Schneider Electric, is a Mechanical Engineer with over 15 years of experience in product design and engineering. He began his career with Enventure and APC before completing his Post-Graduation in Product Design and Engineering from NTTF in 2012 and has since progressed through roles such as Design Engineer, Design Lead, and Senior Design Engineer at Schneider Electric. His expertise spans sheet metal and plastic design, DFMA, FMEA, and localization projects, alongside teaching Material Science and delivering GD&T lectures to engineers. In his session on "The Interdisciplinary Engineer: Mechanical Skills in a Hybrid World," he shared how the role of engineers is evolving to blend strong mechanical fundamentals with digital innovation, collaboration, and adaptability. Drawing from his own journey, he emphasized the value of interdisciplinary learning, sustainable design, and continuous skill development to thrive in an increasingly hybrid and connected engineering landscape.

ELEMENTS OF CONDITION MONITORING



SPEAKER

Dr. Gurmeet Singh
*Eaton India
Innovation Centre*

The session on Condition Monitoring (CM) provided valuable insights into one of the most essential aspects of predictive maintenance in modern industrial systems. Condition monitoring involves the continuous observation and analysis of specific parameters in machinery—such as vibration, temperature, current, and acoustic signals—to detect early signs of wear, malfunction, or failure. The speaker explained how this proactive approach enables industries to shift from reactive to predictive maintenance, allowing faults to be identified and addressed before they escalate into major breakdowns. By leveraging advanced sensing technologies, data analytics, and machine learning, CM helps optimize equipment performance, extend machinery lifespan, and minimize unplanned downtime. The talk also emphasized the importance of integrating condition monitoring systems into modern manufacturing and industrial operations to ensure safety, reliability, and cost efficiency, ultimately fostering a smarter and more sustainable maintenance ecosystem.

DESIGN AND CONTROL INSIGHTS FOR HIGHER ORDER DC–DC CONVERTERS



SPEAKER

Dr. Priyabrata Shaw
GE Vernova

This lecture presents a systematic, step-by-step methodology for the design and analysis of higher-order DC–DC converters, starting from the conventional boost converter. The evolution of higher-order topologies is discussed with illustrative examples, addressing common limitations such as the absence of a common ground, inverted load voltage polarity, highly pulsating source currents, and an increased number of switching devices. Detailed steady-state and small-signal analyses are carried out for the developed higher-order DC-DC converter. To demonstrate its practical utility, a systematic lower-order controller design approach is introduced, considering closed-loop performance parameters such as gain and phase margins, as well as predefined time-domain specifications including settling time and overshoot. This approach employs an analytical pole-placement procedure to ensure the desired closed-loop stability and dynamic performance with a lower-order controller. The steady-state behaviour of the developed higher-order converter is validated through experimental testing, and the effectiveness and accuracy of the proposed control strategy are verified experimentally on a prototype under varying system conditions.

META BIOSCIENCES: TRANSFORMING IDEAS INTO RESEARCH-DRIVEN SOLUTIONS



SPEAKER

Dr Prashantha Hebbar
Meta Biosciences Pvt Ltd

The session on Meta Biosciences Pvt. Ltd. provided an engaging overview of the company's efforts in advancing translational biomedical research through innovation and collaboration. The talk highlighted how the Bengaluru-based start-up bridges the gap between fundamental science and real-world healthcare applications. With a strong focus on molecular diagnostics, microbiome research, antimicrobial resistance, and oncology—particularly esophageal squamous cell carcinoma—the company combines multi-omics technologies with advanced computational approaches to generate impactful insights. The speaker emphasized Meta Biosciences' commitment to the One Health framework, addressing human, animal, and environmental health through early disease detection, precision diagnostics, and sustainable healthcare solutions. The session concluded by underlining the company's mission to translate scientific discoveries into practical healthcare innovations that strengthen diagnostics, therapeutic strategies, and global health resilience.

ACCELERATING PRODUCT DESIGN USING ANSYS (PART OF SYNOPSYS) TECHNOLOGIES



SPEAKER

Mr. Pravin Nakod
Ansys

The session featured Mr. Pravin, a distinguished expert from Ansys (part of Synopsys), who shared insights from his two decades of experience in the field of computational fluid dynamics (CFD). Leading the regional CFD organization for the Asia-Pacific region, he and his team collaborate with global clients across industries such as Automotive, Aerospace & Defence, Energy, Chemical Processing, Pharma, and Electronics to advance simulation-based product design and development. During the session, Mr. Pravin discussed his extensive work in spray and combustion modeling, including applications in gas turbine engines, high-speed combustion flows, and reacting systems. He also highlighted the growing importance of simulation in addressing global sustainability challenges, particularly in promoting hydrogen-based solutions for decarbonization. With over 70 international publications and a strong academic foundation from IIT Bombay, Mr. Pravin's talk provided valuable insights into the evolving role of simulation technologies in driving innovation and sustainable engineering.

SUSTAINING FUTURE GROWTH – TECHNOLOGY AND TUNNELING INDUSTRY IN INDIA



SPEAKER

Mr. Akx Malik
L&T Chennai

The session provided valuable insights into how sustainability is becoming a core component of modern business strategies, emphasizing the growing need for industries and academia to collaborate in advancing sustainable development. The speaker discussed key research areas in academia that can directly support industrial growth and innovation, highlighting the importance of identifying and adopting the right technologies to address evolving environmental and infrastructural challenges. A significant portion of the talk focused on tunneling, where the speaker elaborated on the planning and design criticalities involved in such large-scale engineering projects. Drawing from extensive industry experience, the speaker shared real-world perspectives on tunneling practices, sustainable engineering solutions, and the integration of sustainability into long-term industrial planning, offering participants a practical understanding of how sustainability and engineering excellence intersect in today's context.

MULTI-PHYSICS NATURE OF PROBLEMS IN MECHANICAL ENGINEERING, SUSTAINABILITY AND DIGITAL TWINS.



SPEAKER

Mr. Gokul Raj
Infinipoint Technologies

Mr. Gokul Raj, Technical Accounts Manager (Structural) at Infinipoint Technologies, delivered an insightful talk that highlighted the growing importance of simulation-driven design in modern engineering. With over a decade of industry experience, he shared perspectives on how advanced tools like Ansys Mechanical are transforming workflows across academia, defense, aerospace, and corporate sectors. The session shed light on the role of multiphysics simulations in solving complex real-world problems and emphasized the need for engineers to develop practical simulation expertise alongside theoretical knowledge. Drawing from his experience in training and consultation, Gokul also discussed the importance of bridging the gap between industry and academia through continuous learning and skill development. His talk inspired students to explore computational engineering tools as a means to enhance innovation, accuracy, and efficiency in design and analysis.

AN APPLICATION OF NEWSBOY PROBLEM IN SUPPLY CHAIN OPTIMIZATION OF ONLINE FASHION E- COMMERCE



SPEAKER

Kamanchi Chandramouli
IBM Research, Bangalore

The session focused on the application of the Newsboy Problem in supply chain optimization within the context of online fashion e-commerce, showcasing a practical implementation from Myntra, one of India's leading fashion platforms. The talk highlighted how a machine learning-based model was developed and deployed to enhance decision-making in inventory management. By leveraging historical data, the model accurately predicts the optimal quantity of Stock Keeping Units (SKUs) to maintain, ensuring a balance between the Fulfilment Index and Utilization Index. The speaker explained the mathematical foundation of the model and compared its performance with traditional regression-based approaches, demonstrating significant improvements in efficiency and accuracy. The session offered participants valuable insights into how data-driven optimization and mathematical modeling can streamline complex supply chain operations in dynamic e-commerce environments.

MULTIMODAL HUMAN ACTIVITY RECOGNITION WITH TIME-SERIES LLMS AND PRIVACY-PRESERVING FEDERATED LEARNING



SPEAKER

Dr. Tanmay Sen
SQC & OR Unit, ISI Kolkata

The session on Multimodal Human Activity Recognition (HAR) with Time-Series LLMs and Privacy-Preserving Federated Learning explored advanced AI-driven approaches for improving activity recognition in healthcare, fitness, and smart environments. The speaker addressed key challenges in HAR, including reliance on single modalities, limited labeled data, and privacy risks in centralized systems. The talk introduced FedTime-MAGNET, a multimodal federated learning framework combining data from sensors like depth cameras, pressure mats, and accelerometers using a Multimodal Adaptive Graph Neural Expert Transformer (MAGNET) with a T5 encoder to capture cross-modal and temporal patterns effectively. It also featured GraFeHTy, a semi-supervised federated model that constructs similarity graphs from sensor data to improve recognition under noisy or limited labels. The session concluded with insights on integrating differentially private federated learning, ensuring strong privacy protection while maintaining high recognition accuracy.

PANEL DISCUSSION

ADOPTION AND ASPIRATIONS OF AI IN INDUSTRY: UNSEEN DANGERS IN CRITICAL APPLICATIONS, REPLACING OR CREATING JOBS



Speaker
Nahar Singh
Continental AG



Speaker
Dr. Kameshwar Chandrasekar
AMD



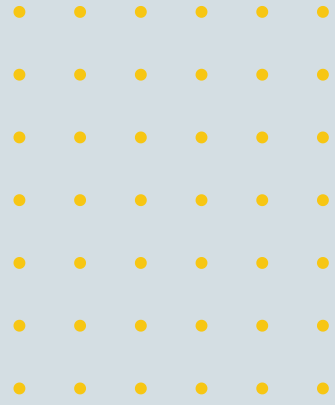
Speaker
Mohin Mohammed
Finastra



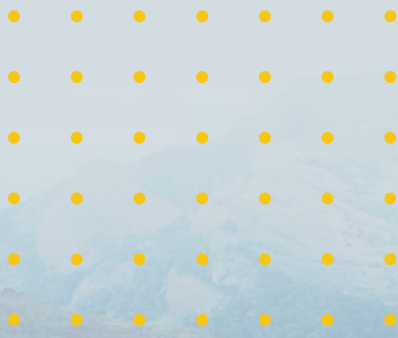
Speaker
Shaik Aleem Ur Rehman
Microsoft, Bangalore



Moderator
Dr. Sahasranand
Assistant Professor



STUDENT PRESENTATIONS





SAMEER KUMAR ANAND
Mechanical Engineering



BHAVINLAL K
Civil Engineering



SANGEETHA V
Civil Engineering



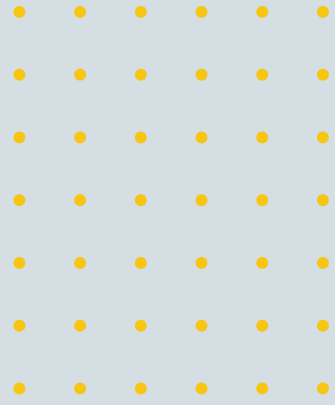
**ASHISH KUMAR
SINGH**

Civil Engineering

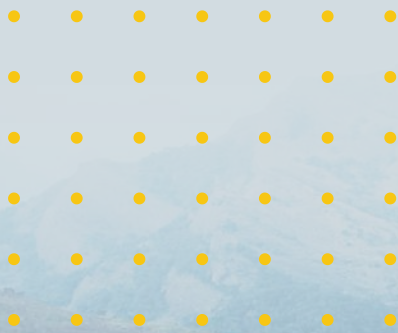


NOUSHIJA M K

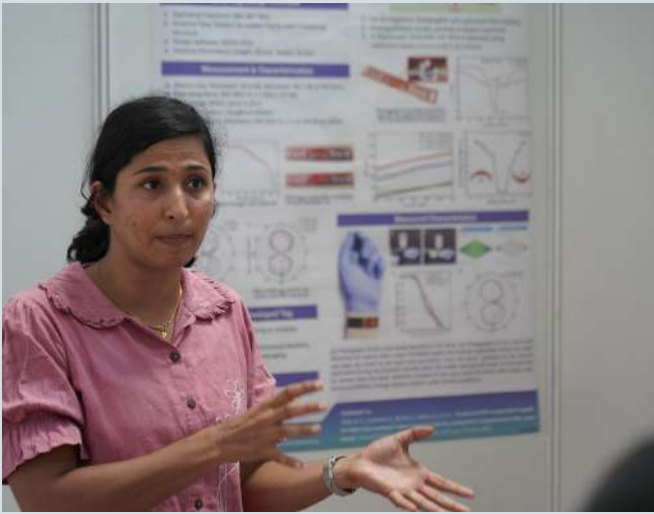
Chemistry



STALLS & POSTER PRESENTATIONS







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IIT Palakkad Technology IHub Foundation
Driving automation for energy and safety



IIT PALAKKAD

INDUSTRY-ACADEMIA CONCLAVE 7.0



CREDITS

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Department Coordinators: Dr. Chaitanya Paramatmuni (Mechanical)
Dr. Vivek Chaturvedi (Computer Science)
Dr. Sahasranand (Data Science)
Dr. Sreenath V (Electrical)
Dr. Gokulnath C (Civil)
Dr. M Ashok Kumar (Mathematics)
Dr. Vishwas V (Physics)
Dr. Yugender (Chemistry)
Dr. Deepak Jaiswal (ESSENCE)
Dr. Abdul Rasheed (Biological Sciences)

Industry Liaison Officer: Dr. Selva Pandian

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Media Cell, IIT Palakkad

EWD Team, IIT Palakkad

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Students General Secretary: Dhaarini M

Research Affairs Secretary: Chamind Erakkil

PG Affairs Secretary: Geddam Gowtham

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Content & Design Leads: Parthiv P & Muhamed Rizwan



Conclusion

IAC 7.0 successfully facilitated impactful interaction between industry experts, researchers, and students, enabling meaningful knowledge exchange and exposure to real-world advancements. The conclave concluded with a shared commitment to continue strengthening industry-academia collaboration for future innovation and growth.



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